

What is claimed is:

1. A method for evaluating dynamic image code communications, the method comprising the steps of:

receiving dynamic image codes transmitted through a communications network;

decoding the dynamic image codes;

counting an amount of the dynamic image codes received for a specified period of time;

outputting the amount of the dynamic image codes;

counting a defective amount of the dynamic image codes for the specified period of time; and

correcting the amount of the counted dynamic image code according to the counted defective amount to calculate an effective amount of the dynamic image codes; and

outputting the effective amount of the dynamic image codes as an evaluation value of the dynamic image code communications.

2. The method as set forth in claim 1, wherein the defective amount of the dynamic image codes results from deterioration in transmission quality during transmissions.

3. The method as set forth in claim 1, further comprising:

calculating an amount of dynamic image information after being decoded, instead of the step of counting and outputting

the amount of dynamic images received within the specified period of time.

4. The method as set forth in claim 1, further comprising:

subtracting the defective amount from a product of an image size, number of frames, and number of graduation quantizing levels to calculate an amount of quantized dynamic image information, instead of the step of counting and outputting the amount of dynamic image codes received within the specified period of time.

5. The method as set forth in claim 1, further comprising:

calculating a product of three factors of an image size, number of frames, and a number of graduation quantized levels after the three factors are provided with respective weights; and

subtracting the defective amount from the product to calculate an amount of modified quantized dynamic image information,

instead of the step of counting and outputting the amount of dynamic image codes that are received within the specified period of time.

6. A method for evaluating dynamic image code communications using dynamic image codes, in which an original image is divided into a plurality of partial dynamic images and the respective dynamic images are encoded, the method comprising the steps of:

receiving dynamic image codes transmitted through a communications network;

decoding the dynamic image codes;

counting an amount of each of the partial dynamic images received for a specified period of time;

outputting the amount of each of the partial dynamic images;

counting a defective amount of each of the partial dynamic images for the specified period of time;

correcting the amount of each of the counted partial dynamic image codes by the corresponding defective amount thereof to calculate an effective amount of each of the partial dynamic image codes;

inputting the respective amounts of the partial dynamic image codes to calculate the entire amount of dynamic image codes;

inputting the respective defective amounts of the partial dynamic images to calculate the entire defective amount of;

compensating the entire amount of dynamic image codes according to the entire defective amount and to calculate the entire effective amount of dynamic image codes; and

outputting the respective effective amounts of partial dynamic image codes and the entire effective amounts of dynamic image codes as evaluation values of dynamic image code communications.

7. The method as set forth in claim 6, wherein the defective amount of the dynamic image codes results from deterioration in transmission quality during transmissions.

8. The method as set forth in claim 6, wherein by a dynamic image code receiver receives the dynamic image codes transmitted from a dynamic image code transmitter through a communications network, and the dynamic image code receiver decodes the dynamic image codes.

9. The method as set forth in claim 6, wherein the partial dynamic images are respective objects according to a video object encoding system.

10. The method as set forth in claim 6, wherein the partial dynamic images are respective layers of a time scalability encoding system.

11. The method as set forth in claim 6, wherein the partial dynamic images are respective layers of a space

scalability encoding system.

12. The method as set forth in claim 6, wherein the partial dynamic images are dynamic images, and obtained by decomposing respective simplified dynamic images.

13. The method as set forth in claim 6, further comprising:

calculating an amount of dynamic image information after being decoded, instead of the step of counting and outputting the amount of dynamic images received within the specified period of time.

14. The method as set forth in claim 6, further comprising:

subtracting the defective amount from a product of an image size, number of frames, and number of graduation quantizing levels to calculate an amount of quantized dynamic image information, instead of the step of counting and outputting the amount of dynamic image codes received within the specified period of time.

15. The method as set forth in claim 6, further comprising:

calculating a product of three factors of an image size,

number of frames, and a number of graduation quantized levels after the three factors are provided with respective weights; and

subtracting the defective amount from the product to calculate an amount of modified quantized dynamic image information,

instead of the step of counting and outputting the amount of dynamic image codes that are received within the specified period of time.

16. An apparatus for evaluating dynamic image code communications, the apparatus comprising:

a receiver for receiving dynamic image codes;

a counter for counting and outputting the amount of the dynamic image codes received for a specified period of time;

a defective amount counter for counting a defective amount of the dynamic image codes for the specified period of time; and

a compensator for compensating the counted amount of dynamic images according to the counted defective amount and calculating an effective amount of dynamic image codes;

wherein the effective amount of dynamic image codes is outputted as an evaluation value of dynamic image code communications.

17. The apparatus as set forth in claim 16, comprising a calculator for calculating an amount of dynamic image information after being decoded, instead of the counter.

18. The apparatus as set forth in claim 16, comprising a calculator for calculating an amount of quantized dynamic image information obtained by subtracting the defective amount from a product of an image size, number of frames, and number of graduation quantizing levels, instead of the counter.

19. The apparatus as set forth in claim 16, comprising a calculator for calculating a product of three factors consisting of an image size, number of frames, and a number of graduation quantized levels, after the three factors are provided with respective weights, and calculating an amount of modified quantized dynamic image information that is obtained by subtracting the defective amount from the product, instead of the counter.



20. An apparatus for evaluating dynamic image code communications, the apparatus comprising:

a receiver for receiving partial dynamic image codes in which an original image is divided into a plurality of partial dynamic images and the respective dynamic images are encoded;

a counter for counting the amounts of respective partial dynamic image codes received for a specified period of time, and outputting the amounts of the respective partial dynamic image;

a defective amount counter for counting the defective amounts of the partial dynamic images for the specified period of time;

a first compensator for correcting the counted amounts of respective partial dynamic image codes by the respective partial defective amount, and calculating an effective amount of partial dynamic image codes;

a first calculator for inputting the respective amounts of partial dynamic image codes to calculate the entire amount of dynamic image codes;

a second calculator for inputting the defective amount of the respective partial dynamic images to calculate the entire defective amount; and

a second compensator for correcting the calculated entire amount of dynamic image codes according to the calculated entire defective amount to calculate the entire effective amount of

dynamic image codes;

wherein the respective effective amounts of partial dynamic image codes and the entire effective amount of dynamic image codes are outputted as an evaluation value of dynamic image code communications.

21. The apparatus as set forth in Claim 20, wherein the partial dynamic images are respective objects according to a video object encoding system.

22. The apparatus as set forth in claim 20, wherein the partial dynamic images are respective layers of a time scalability encoding system.

23. The apparatus as set forth in claim 20, wherein the partial dynamic images are respective layers of a space scalability encoding system.

24. The apparatus as set forth in claim 20, wherein the partial dynamic images are dynamic images, obtained by decomposing respective simplified dynamic images.

25. The apparatus as set forth in claim 20, comprising a third calculator for calculating an amount of dynamic image information after being decoded, instead of the counter.

26. The apparatus as set forth in claim 20, comprising a third calculator for calculating an amount of quantized dynamic image information obtained by subtracting the defective amount from a product of an image size, number of frames, and number of graduation quantizing levels, instead of the counter.

27. The apparatus as set forth in claim 20, comprising a third calculator for calculating a product of three factors consisting of an image size, number of frames, and a number of graduation quantized levels, after the three factors are provided with respective weights, and calculating an amount of modified quantized dynamic image information that is obtained by subtracting the defective amount from the product, instead of the counter.